A Permit Certificate

BENEFICIAL REUSE PERMIT -- MUNICIPAL WASTEWATER

City of McCammon

#LA-000192-01

The ***City of McCammon*** LOCATED AT ***PO Box 9, McCammon, ID 83250*** IN ***Bannock County*** IS HEREBY AUTHORIZED TO CONSTRUCT, INSTALL AND OPERATE A WASTEWATER BENEFICIAL REUSE SYSTEM IN ACCORDANCE WITH THE WASTEWATER BENEFICIAL REUSE PERMIT REGULATIONS (IDAPA 58.01.17), THE WATER QUALITY STANDARDS AND WASTEWATER TREATMENT REQUIREMENTS (IDAPA 58.01.02), THE GROUND WATER RULE (IDAPA 58.01.11), AND ACCOMPANYING PERMIT APPENDICES AND ATTACHMENTS. THIS PERMIT IS EFFECTIVE FROM THE DATE OF SIGNATURE AND EXPIRES ON _____.

_____

MARK DIETRICH,
REGIONAL ADMINISTRATOR
IDAHO DEPARTMENT OF ENVIRONMENTAL QUALITY
POCATELLO REGIONAL OFFICE

SIGNED THIS _____ DAY OF _____, 20____

DEPARTMENT OF ENVIRONMENTAL QUALITY
Pocatello Regional Office
444 Hospital Way, Building #300 – 236-6160
Pocatello, ID. 83201

POSTING ON SITE RECOMMENDED

B Permit Contents, Appendices and Attachments

Table of Contents

List of Tables

List of Referenced Documents

1. Operation and Maintenance Manual
2. Sampling & Analysis Plan
3. Nuisance Odor Management Plan

Reference Documents listed on this page require approval by the Department. This permit does not relieve the City of McCammon, hereafter referred to as the Permittee, from responsibility for compliance with other applicable federal, state or local laws, rules, standards or ordinances.

C Abbreviations, Definitions

Table C-1 Definitions, Terms, and Acronyms

TERM OR ACRONYM	DEFINITION/EXPLANATION
Ac-in	Ac-in = volume of water covering 1 acre of land to a depth of 1 inch = 27,150 gallons
AWC	Available water capacity = weighted composite of the available water holding capacity of the soil to a depth of sixty (60) inches or to the bottom of the root zone.
DEQ or the Department	Idaho Department of Environmental Quality
Director	Director of the Idaho Department of Environmental Quality; or the Director's Designee, i.e. Regional Administrator
ET	Evapotranspiration – loss of water from the soil and vegetation by evaporation and by plant uptake (transpiration)
GS	Growing Season – April 1 through October 31
GWQR	IDAPA 58.01.11 "Ground Water Quality Rule"
Handbook or Guidelines	Wastewater-Beneficial Reuse Permit Program Guidance – available on-line at: IDEQ Wastewater Beneficial Reuse Program: On-line Guidance
HLR_{GS}	Growing Season Hydraulic Loading Rate. Includes any combination of wastewater and supplemental irrigation water applied to land application hydraulic management units during the growing season. The HLR_{GS} limit is specified in Section F. Permit Limits and Conditions. HLR_{GS} = Irrigation Water Requirement (IWR). The IWR is calculated as: $IWR = IR_{net} / E_i$ and $IR_{net} = CU – (PPT_{GS} + \text{carryover soil moisture}) + LR$ where: IR_{net} = net irrigation requirement, CU = consumptive use, PPT_{GS} = precipitation, LR = leaching requirement and E_i = irrigation efficiency.
HMU	Hydraulic Management Unit (Serial number prefix is MU-)
IDAPA	Idaho Administrative Procedures Act

TERM OR ACRONYM	DEFINITION/EXPLANATION
IWR	Irrigation Water Requirement – Any combination of wastewater, supplemental irrigation water and precipitation applied at rates commensurate to the moisture requirements of the crop, and calculated monthly during the growing season (GS). IWR calculation methodology can be found in the DEQ "Handbook for Land Application of Municipal and Industrial Wastewater, April 1996" on pages IV-6-7. Current climatic and ET data, or 30-year average data may be used. IWR calculation methodology can also be found at: http://www.kimberly.uidaho.edu/water/appndxet/index.shtml. The Kimberly equation is: IWR = (CU – Pe) / Ei where CU is the monthly consumptive use for a given crop in a given climatic area. (CU is synonymous with crop evapotranspiration.) PE is the effective precipitation. CU minus PE is synonymous with the net irrigation requirement (IR). Ei is the irrigation system efficiency. To obtain the gross irrigation water requirement (IWR), divide the IR by the irrigation system efficiency. IWR planning estimates may also incorporate the judgment of experienced field operators. Whichever method is chosen must be used consistently throughout the application year and the life of the permit unless specific approval for a different methodology is granted by DEQ.
lb/ac-d	Pounds (of constituent) per acre per day
LG	Lagoon (Serial number prefix is LG-)
MG	Million Gallons
Operating year	The operating year begins with the non-growing season and extends through the growing season of the following year – November 1 – October 31. For example, the 1999 operating year was November 1, 1999 through October 31, 2000.
PO	Plan of Operation – required for all permitted wastewater land application facilities pursuant to IDAPA 58.01.17.300.06
SIW	Supplemental irrigation water (Serial number prefix is GW- for ground water sources; SW- for surface water sources)
SMU	Soil monitoring unit (Serial number prefix is SU-)
Typical crop uptake	Typical Crop Uptake is defined as the median constituent crop uptake from the three (3) most recent years the crop has been grown (excluding the current harvest year). Typical Crop Uptake is determined for each hydraulic management unit. For new crops having less than three years of on-site crop uptake data, regional crop yield data and typical nutrient content values, or other values approved by DEQ may be used.
WLAP	Wastewater Beneficial Reuse Permit (or Program)
WW	Wastewater (Serial number prefix is WW-)

Constituent Abbreviations

%OM	% Organic Matter
Cl^-	Chloride ion
CO_3^{2-}	Carbonate ion
COD	Chemical Oxygen Demand
EC	Electrical Conductivity
Fe	Iron
HCO_3^-	Bicarbonate ion
K	Potassium
Mg	Magnesium
Mn	Manganese
Na	Sodium
NH_3-N	Ammonia-Nitrogen

NH_4-N	Ammonium-Nitrogen
NO_3-N	Nitrate-Nitrogen
NVDS	Non-volatile Dissolved Solids
P	Phosphorus
pH	Acidity/alkalinity
SAR	Sodium Adsorption Ratio
SO_4^-	Sulfate ion
TDS	Total Dissolved Solids
TKN	Total Kjeldahl nitrogen
TSS	Total Suspended Solids
VDS	Volatile Dissolved Solids

D Facility Information

Table D-1 Facility Information

Facility Information			
Legal Name of Permittee	City of McCammon		
Facility Location	PO Box 9, McCammon, ID 83250		
Legal Location	NW ¼ of the SW ¼ Section 18 in Township 9 South, Range 37 E		
County	Bannock County		
Type of Facility	Municipal Wastewater Treatment		
Facility Contact Person	Kenneth Bullock/Mayor	Larry Orgill/Wastewater Operator	
Email	bullkenn@isu.edu		
Mailing Address Phone/Fax	PO Box 9, McCammon, ID 83250 208-254-3200/208-254-3844		
USGS Quad	McCammon		
Type of Waste	Municipal Sewage Treatment Pond Effluent		
Method of Treatment	Slow Rate Land Application		
Irrigated Acres	30		
Soils on Site	Soil Type	Mapping Unit Symbol	Slope %
	Arbone Silt-Loam	1	1-4
	Arbone Silt-Loam	2	4-12
Depth to Ground Water	15-60 feet (high ground water – Fall, end of growing season)		
Beneficial Uses of Ground Water	Agriculture, Industrial, Domestic		
Nearest Surface Water	West Town-Site Lateral Irrigation Canal (seasonal)		
Beneficial Uses of Surface Water	Agriculture, Aquatic Biota		
Engineer/Consultant	Keller Associates, 412 W. Center, Suite 3, Pocatello, ID 83204		

E Compliance Schedule for Required Activities

Section E Notes

E-1 The Permittee shall complete activities required in Table E-1 on or before the Completion Date unless the Department approves an alternative date in writing. Where the required submittal is a work plan or schedule for improvements to the wastewater land application system, the Department will respond with any comments, questions or requests for further information within thirty (30) days of receipt of the submittal. If the Department requests further information, the Permittee shall respond within thirty (30) days of the Department's request. The above-described review process will repeat until necessary modifications to the work plan or schedule are completed by the Permittee and approved by the Department. Regulatory intent relative to processes described herein is that the Permittee will submit an approvable document, as determined by the Department, within one-hundred and twenty (120) days past the original submittal due date.

E-2 If any event occurs that may delay the performance of any requirement specified in this permit, the Permittee shall notify the Department in writing within ten (10) days of the date the Permittee knew, or should reasonably have known, of the event. The notice under this paragraph shall describe the anticipated consequences of the delay, measures taken by the Permittee to prevent or minimize the delay, and a schedule by which those measures will be implemented. The Permittee shall utilize all reasonable measures to avoid or minimize delays. If the Department determines that the delay, or anticipated delay, in achievement of any requirement of the permit arises from causes beyond the control of the Permittee (a *force majeure* event), the time for performance of the requirement that is affected by the *force majeure* event will be extended by the Department for such time as the Department determines necessary to complete that requirement. The Department may pursue appropriate enforcement with respect to any delay that does not arise from a *force majeure* or other significant event outside of the Permittee's control.

E-3 Once approved by the Department, the Sampling & Analysis Plan, the Odor Management Plan and the Waste Solids Management Plan shall be incorporated by reference into and enforceable as part of the Permit. Once approved, all other plans that are required to be submitted to and approved by the Department pursuant to Section E, Table E-1 shall be implemented by the Permittee, but shall not be enforceable as part of the Permit.

E-4 The Permittee may submit revised management plans required in CA-192-01-01 (Table E-1) as individual documents *or* as sub-parts incorporated into a comprehensive, system-wide Plan of Operation.

Table E-1 Compliance Schedule for Required Activities

Compliance Activity Number Completion Date	Compliance Activity Description
CA-192-01-1 Twelve (12) Months following permit issuance	1) The Permittee shall prepare the following management plans: a) Operations and Maintenance Manual (O&M Manual); b) Sampling & Analysis Plan (SAP) to include; i) a description of environmental sampling and analysis procedures (including those necessary for conducting all sampling and monitoring required in Table G-1), ii) quality control/quality assurance provisions. c) Nuisance Odor Management Plan.
CA-192-01-2 Six (6) Months prior to permit expiration	In accordance with procedures approved by the Department at the time the compliance requirement is due, the Permittee shall complete seepage rate testing on all wastewater cells and storage lagoon marked active in Table K-6, and submit a report summarizing test results for DEQ review and approval. Any deviations from DEQ-approved procedures require prior DEQ approval. The seepage loss report may be submitted as part of an application for renewal of the wastewater beneficial reuse permit.

F Permit Limits and Conditions

Section F Notes

F-1 The Permittee is allowed to apply wastewater and treat it on the land application site as prescribed in the table below and in accordance with all other applicable permit conditions and schedules.

F-2 Notwithstanding provisions in Table F-1, the Department reserves the right to seek remedies available under any applicable authority with respect to an exceedance of any primary or secondary constituent standard in Section 200 in IDAPA 58.01.11, Rules of the Department of Environmental Quality, "Ground Water Quality Rule". or any site specific standard established by the Department pursuant to Section 400.05.b. resulting from the Permittee's wastewater land application.

F-3 Notwithstanding any other provision of this permit, including without limitation the buffer zones set forth in Table F-3;

1) Wastewater applied by the Permittee shall be restricted to the premises of the land application site, and

2) The Permittee shall not discharge wastewater to surface waters of the state, without first obtaining all permits and other authorizations required by state and federal law.

Table F-1 Site Specific Permit Conditions

PERMIT CONDITION	PERMIT REQUIREMENT/DESCRIPTION
Application Site Area	30 irrigated acres
Application Season	Growing Season only
Growing Season (GS)	April 1 – October 31
Reporting Period (Operating Year)	November 1 through October 31
Supervision	Daily on-site operations management and record-keeping provided by City of McCammon staff. ***Wastewater Operator Certification Required*** ***(for more information-http://www.idahocertificationtraining.com/)***
Method of Treatment and Process Description	Preliminary treatment via regulated flow through three (3) cell lagoon system (plus an additional cell for winter storage). Final treatment via land application for beneficial re-use
Maximum Wastewater Volume	34 MG Annually

PERMIT CONDITION	PERMIT REQUIREMENT/DESCRIPTION
Growing Season Maximum Wastewater Hydraulic Loading (Sum of WW + SIW)	Growing Season (GS) Hydraulic Loading Rate shall generally follow the Irrigation Water Requirement (IWR) using data from the tables of the following University Of Idaho web site: http://www.kimberly.uidaho.edu/water/appndxet/index.shtml. IWR is equal to the Mean IR data from these tables divided by the irrigation system efficiency. Alternatively, current climatic and evaporation data, or 30-year average data may be used to calculate the IWR. (Assume no carryover soil moisture and a leaching rate of zero in calculating the IWR.)
COD Loading (Seasonal Basis) (HMU Basis)	50 lb./ac-day GS
Annual Nitrogen Loading (HMU Basis)	150% of typical crop uptake from all sources or University of Idaho Fertilizer Guide for Southeastern Idaho.
Annual Phosphorus Loading	None at this time. The Department reserves the right to re-open this permit for inclusion of phosphorous limits.
Buffer Zones	See Table F-2
Grazing	Grazing is allowed only under the provisions of a Grazing Management Plan approved by the Department
Ground Water Quality	Ground water quality shall comply with the Ground Water Quality Rule (GWQR), IDAPA 58.01.11.
Flow Measurement and Calibration	The Permittee shall measure wastewater and supplemental irrigation water flows to the land application treatment fields and shall certify the accuracy of flow measurement devices annually. Documentation shall be maintained on-site.

PERMIT CONDITION	PERMIT REQUIREMENT/DESCRIPTION
Construction Plans & Specifications	Pursuant to IC§39-118, detailed plans and specifications shall be submitted to DEQ for review and approval prior to construction, modification, or expansion of any wastewater treatment, storage or conveyance facilities or structures. Within 30 days of completion of construction, the Permittee shall submit as-built plans for review and approval or a letter from an Idaho registered Professional Engineer certifying that the wastewater facilities or structures were constructed in substantial accordance with the approved plans and specifications.
Cross-Connection Controls	For systems with wastewater and fresh irrigation water interconnections, DEQ-approved backflow prevention devices are required. The Permittee shall test mechanical devices annually for proper operation as required by Section G. DEQ approved permanent structures such as siphons or air gaps need not be re-tested unless physical changes are made to the structure.
Odor Management	The wastewater treatment plant, land application facilities, and other operations associated with the facility shall not create nuisance conditions (including odors) or a public health hazard. Facilities shall at all times be managed in accordance with a DEQ approved Odor Management Plan.
Wellhead Protection	Nearby public and private water supplies shall be protected by maintaining buffer zones specified in Table F-2 unless a Department approved well location acceptability analysis indicates an alternative buffer zone is acceptable. Berms and/or other BMPs shall be used to protect on-site well heads.
Allowable Crops	Crops grown for direct human consumption are not allowed.

F-4 Buffer zones are contingent upon the level of disinfection maintained on an ongoing basis. Table F-2 Level of Wastewater Disinfection below indicates required minimum separation distances as determined by the level of disinfection.

F-5 Buffer zone requirements given in Table F-2 may be further reduced if mitigation measures are proposed in a Buffer Zone Plan submitted by the Permittee and subsequently approved by the Department. Proposals must be supported with designs and calculations prepared by a professional engineer showing that wastewater cannot over-spray onto indicated features of interest.

Table F-2 Level of Wastewater Disinfection and Resulting Buffer Zones

DEGREE OF TREATMENT	Primary (no disinfection – org > 230/100 ml	Primary (Disinfected to 230 org/100 ml) (1)	Secondary (Disinfected to <23 org/100) ml(1)	Advanced Secondary (Disinfected to <2.2 org/100 ml (1)
RESULTING BUFFER ZONE REQUIREMENTS	A	B	C	D
Site and Inhabited Dwellings (feet)	1000	1000	300	100
Site and Areas Accessible to Public (feet)	1000	500	50	0
Public Water Supply (feet)	1000	1000	500	500
Private Potable Water Supply (feet)	500	500	300	300
Natural Surface Water Bodies	100	100	50	50
Man-made Surface Water (Irrigation canals, reservoirs)	50	50	0	0
FENCING TYPE	A	B	C	D
Required	Yes	Yes	Yes	No
POSTING(2)	A	B	C	D
Required	Yes	Yes	Yes	No

(1) Bacteria count represents total coliform bacteria as a median of the last 7 days of bacteriological sampling for which analyses have been completed
(2) Signs should read 'Sewage Effluent Application - Keep Out' or equivalent and must be posted at each corner and every 500 feet of the outer perimeter of the site.

G Monitoring Requirements

Section G Notes

G-1 The Permittee shall monitor the operation and efficiency of all treatment facilities. The Permittee shall monitor and measure parameters as stated in the Facility Monitoring Table in this section.

G-2 Samples shall be collected at times and locations that represent typical environmental and process parameters being monitored.

G-3 Wastewater samples shall consist of 24-hour composites collected using an automated sampler, or as an alternative, a minimum of four (4) individual aliquots evenly distributed by volume and over time.

G-4 The Permittee shall employ approved analytical methods.

G-5 For fields >15 acres, the Permittee shall collect soil samples within each SMU at a minimum of ten random (10) locations. For fields <15 acres, the Permittee shall collect soil samples at five random (5) locations. At each sample location, individual samples must be taken at three depths, 0-12 inches, 12-24 inches, and 24-36 inches (or refusal). Samples from the same depth within a single SMU may be composited by depth to yield a minimum of three (3) samples per SMU for analysis. Sample locations must be spatially representative of the unit; must consider site-specific characteristics such as topography and drainage; and must exclude unusual areas such as erosion channels, dead furrows and fence lines.

G-6 Unless otherwise agreed to in writing by the Department, data collected and submitted shall include, but not be limited to, the parameters and frequencies in the following table.

Table G-1 Facility Monitoring Table

FREQUENCY	MONITORING POINT	DESCRIPTION AND TYPE OF MONITORING	PARAMETERS
Wastewater Monitoring			
Daily	Flow meter or other DEQ approved method for each HMU	Volume applied	MG and ac-in
Monthly	Process wastewater - Active WW Sampling Points in Table K-2	WW Quality, 24 hour composite sample (see note G-3)	TKN, NH_4-N, NH_4-N, Total-P, COD, EC, pH, TSS, TDS, VDS, NVDS
Supplemental Irrigation Water Monitoring			
Daily	Flow meter or other DEQ approved method for each HMU	Volume applied	MG and ac-in
Twice Spring and Fall 2007	SIW sampling point in Table K-3 Supplemental Irrigation Water Sampling Points)	Grab sample	TKN , NH_4-N, Total-P, TDS, VDS
Irrigation Management			
Annual – prior to GS	Each HMU	Estimate IWR for each crop type for each month during the GS	Volume (MG & inches) - each HMU
Soil Monitoring			
Twice Yearly pre- and post-growing season	Each Soil Monitoring Unit	See Section Note G-5	pH, plant available P (Olsen Method), K, NH_4-N, NH_4-N, EC, %OM
Biennially (every two years beginning in 2007) post-growing season	Each Soil Monitoring Unit	See Section Note G-5	SAR
Crop Monitoring			
GS – each harvest	Each Crop type, Each Hydraulic Unit	Crop Yield (crop tissue mass removal)	Tons/acre, Bu/acre, etc. as appropriate and total yield per HMU (specify moisture basis)
GS – each harvest	Each Crop type, Each Hydraulic Unit	Crop tissue analysis (composited sample of harvested portion, each crop per harvest) *or* crop nutrient concentration values from standard tables[1] Calculate nitrogen/ash removal	Nitrogen (nitrate, protein), Total-P, and Ash removed (lbs/acre-yr), moisture reported

[1] The Permittee may choose to use values from standard tables for crop nutrient concentration values so long as the published moisture content can be used from the table.

FREQUENCY	MONITORING POINT	DESCRIPTION AND TYPE OF MONITORING	PARAMETERS
Site & Equipment Monitoring			
Annually	Flow measuring devices	Assess function and accuracy	Document accuracy of flow meters annually or as recommended by manufacturer
Annually	Mechanical cross-connection control devices at all points of interconnection between WW and potable or surface water sources	Testing of backflow prevention devices	Document testing of devices. Report date(s) and results of the test (pass or fail). Report failed tests and the date of repair or replacement.
Calculations			
Annually	Each HMU	Report nitrogen removal for three prior reporting years	Lb/acre-year
Annually	Each HMU	Calculate and report typical (median) nitrogen removal	Lb/acre-year
		Calculate and report permit limit (150% of typical crop uptake – See Definition C)	Lb/acre-year
		Calculate crop nitrogen, phosphorus, and ash removal	Total lbs removed and Lb/acre-year
		Calculate wastewater loading	MG and inches
		Calculate nitrogen loading from wastewater	Lb/acre-year
		Report nitrogen loading from supplemental fertilizer (if any)	Lb/acre-year
		Calculate sum of nitrogen loading from all sources	Lb/acre-year

H Standard Reporting Requirements

H-1. The Permittee shall submit an Annual Wastewater-Land Application Site Performance Report ("Annual Report") no later than January 31 of each year, which shall cover the previous reporting year (November 1 through October 31). The Annual Report shall include an interpretive discussion of monitoring data (ground water, soils, hydraulic loading, wastewater etc.) with particular respect to environmental impacts by the facility and shall be prepared by a competent environmental professional.

H-2. The Annual Report shall include all laboratory analytical results for environmental sampling required or recommended by Table G-1 Facility Monitoring Table (including analytical results from sampling conducted at frequencies greater than those prescribed).

H-3. The Annual Report shall include all results from system monitoring and calculations required by Table G-1 Facility Monitoring Table.

H-4. Notice of completion of any work required in Section E shall be submitted to the Department within 30 days of completion. The status of all other work described in Table E-1 shall be submitted with the Annual Report.

H-5. The annual report shall be submitted to the Engineering Manager in the applicable regional DEQ Office listed below

Idaho DEQ Regional Offices	
Boise Regional Office 1445 N. Orchard Boise, ID 83706-2239 208-373-0550	Coeur d'Alene Regional Office 2110 Ironwood Parkway Coeur d'Alene, ID 83814 208-769-1422
Idaho Falls Regional Office 900 N. Skyline, Suite B Idaho Falls, ID 83402 208-528-2650	Lewiston Regional Office 1118 "F" Street Lewiston, ID 83501 208-799-4370
Pocatello Regional Office 444 Hospital Way, #300 Pocatello, ID 83201 208-236-6160	Twin Falls Regional Office 1363 Fillmore St. Twin Falls, ID 83301208-736-2190

A copy of the annual report shall also be mailed to:
Wastewater Program Manager
1410 N. Hilton
Boise, ID 83706 208-373-0561

I Standard Permit Conditions: Procedures and Reporting

I-1. The Permittee shall at all times properly maintain and operate all structures, systems, and equipment for treatment, operational controls and monitoring, which are installed or used by the Permittee to comply with all conditions of the permit or the Wastewater-Land Application Permit Regulations, in conformance with a DEQ approved, current Plan of Operations (Operations and Maintenance Manual) which describes in detail the operation, maintenance, and management of the wastewater treatment system. This Plan of Operations shall be updated as necessary to reflect current operations.

I-2. Wastewater(s) or recharge waters applied to the land surface must be restricted to the premises of the application site unless permission has been obtained from the DEQ authorizing a discharge into the waters of the State as stated in IDAPA 58.01.02.600.02.

I-3. Wastewater must not create a public health hazard or nuisance condition as stated in IDAPA 58.01.02.600.03. In order to prevent public health hazards and nuisance conditions the Permittee shall:

a. Apply wastewater as evenly as practicable to the treatment area;
b. Prevent organic solids (contained in the wastewater) from accumulating on the ground surface to the point where the solids putrefy or support vectors or insects; and
c. Prevent wastewater from ponding in the fields to the point where the ponded wastewater putrefies or supports vectors or insects.

I-4. The Permittee shall:

a. Manage the wastewater land application treatment site as an agronomic operation where vegetative cover is grown and harvested or grazed to utilize the nutrients and minerals in the wastewater, and,
b. Not hydraulically overload any particular areas of the wastewater land application treatment site.

I-5. All waste solids, including dredge and sludge wastes, shall be utilized or disposed in a manner which will prevent

their entry, or the entry of contaminated drainage or leachate therefrom, into the waters of the state such that health hazards and nuisance conditions are not created; and to prevent impacts on designated beneficial uses of the ground water and surface water. The Permittee's management of waste solids shall be governed by the terms of the DEQ approved Waste Solids Management Plan, which upon approval shall be an enforceable portion of this permit.

I-6. If the Permittee intends to continue operation of the permitted facility after the expiration of an existing permit, the Permittee shall apply for a new permit at least six months prior to the expiration date of the existing permit in accordance with the Waste Water Land Application Permit Regulations and include seepage tests on all lagoons per latest DEQ procedures.

I-7. The Permittee shall allow the Director of the Idaho Department of Environmental Quality or the Director's designee (hereinafter referred to as Director), consistent with Title 39, Chapter 1, Idaho Code, to:

a. Enter the permitted facility,
b. Inspect any records that must be kept under the conditions of the permit.
c. Inspect any facility, equipment, practice, or operation permitted or required by the permit.
d. Sample or monitor for the purpose of assuring permit compliance, any substance or any parameter at the facility.

I-8. The Permittee shall report to the Director under the circumstances and in the manner specified in this section:

a. In writing thirty (30) days before any planned physical alteration or addition to the permitted facility or activity if that alteration or addition would result in any significant change in information that was submitted during the permit application process.
b. In writing thirty (30) days before any anticipated change which would result in non-compliance with any permit condition or these regulations.
c. Orally within twenty-four (24) hours from the time the Permittee became aware of any non-compliance which may endanger the public health or the environment at telephone numbers provided in the permit by the Director (see below)
   i) Pocatello Regional Office: 236-6160 Emergency 24 Hour Number: 1-800-632-8000
d. In writing as soon as possible but within five (5) days of the date the Permittee knows or should know of any non-compliance unless extended by the DEQ. This report shall contain:
   i) A description of the non-compliance and its cause;
   ii) The period of non-compliance including to the extent possible, times and dates and, if the non-compliance has not been corrected, the anticipated time it is expected to continue; and
   iii) Steps taken or planned to reduce or eliminate reoccurrence of the non-compliance.
e. In writing as soon as possible after the Permittee becomes aware of relevant facts not submitted or incorrect information submitted, in a permit application or any report to the Director. Those facts or the correct information shall be included as a part of this report.

I-9. The Permittee shall take all necessary actions to prevent or eliminate any adverse impact on the public health or the environment resulting from permit noncompliance.

I-10. The Permittee shall determine (on an on-going basis) if any noxious weed problems relate to the permitted sites. If problems are present, coordinate with the Idaho Department of Agriculture or the local County authority regarding their requirements for noxious weed control. Also address these control operations in an update to the Operations and Maintenance Manual.

J Standard Permit Conditions: Modifications, Violation, and Revocation

J-1 The Permittee shall furnish to the Director within reasonable time, any information including copies of records, which may be requested by the Director to determine whether cause exists for modifying, revoking, re-issuing, or terminating the permit, or to determine compliance with the permit or these regulations.

J-2 Both minor and major modifications may be made to this permit as stated in IDAPA 58.01.17.700.01 and 02 with respect to any conditions stated in this permit upon review and approval of the DEQ.

J-3 Whenever a facility expansion, production increase or process modification is anticipated which will result in a change in the character of pollutants to be discharged or which will result in a new or increased discharge that will exceed the conditions of this permit, or if it is determined by the DEQ that the terms or conditions of the permit must be modified in order to adequately protect the public health or environment, a request for either major or minor modifications must be submitted together with the reports as described in Section H. *Standard Reporting Requirements*, and plans and specifications for the proposed changes. No such facility expansion, production increase or process modification shall be made until plans have been reviewed and approved by the DEQ and a new permit or permit modification has been issued.

J-4 Permits shall be transferable to a new owner or operator provided that the Permittee notifies the Director by requesting a minor modification of the permit before the date of transfer.

J-5 Any person violating any provision of the Wastewater Land Application Permit Regulations, or any permit or order issued there under shall be liable for a civil penalty not to exceed ten thousand dollars ($10,000) or one thousand dollars ($1,000) for each day of a continuing violation, whichever is greater. In addition, pursuant to Title 39, Chapter 1, Idaho Code, any willful or negligent violation may constitute a misdemeanor.

J-6 The Director may revoke a permit if the Permittee violates any permit condition or the Wastewater Land Application Permit Regulations.

J-7 Except in cases of emergency, the Director shall issue a written notice of intent to revoke to the Permittee prior to final revocation. Revocation shall become final within thirty-five (35) days of receipt of the notice by the Permittee, unless within that time the Permittee request an administrative hearing in writing to the Board of Environmental Quality pursuant to the Rules of Administrative Procedures contained in IDAPA 58.01.23.

J-8 If, pursuant to Idaho Code, 67-5247, the Director finds the public health, safety or welfare requires emergency action, the Director shall incorporate findings in support of such action in a written notice of emergency revocation issued to the Permittee. Emergency revocation shall be effective upon receipt by the Permittee. Thereafter, if requested by the Permittee in writing, a revocation hearing before the Board of Environmental Quality shall be provided. Such hearings shall be conducted in accordance with the Rules of Administrative Procedures contained in IDAPA 58.01.23.

J-9 The provisions of this permit are severable and if a provision or its application is declared invalid or unenforceable for any reason, that declaration will not affect the validity or enforceability of the remaining provisions.

J-10 The Permittee shall notify the DEQ at least six (6) months prior to permanently removing any permitted land application facility from service, including any treatment, storage, or other facilities or equipment associated with the land application site. Prior to commencing closure activities, the Permittee shall: a) participate in a pre-site closure meeting with the DEQ; b) develop a site closure plan that identifies specific closure, site characterization, or cleanup tasks with scheduled task completion dates in accordance with agreements made at the pre-site closure meeting; and c) submit the completed site closure plan to the DEQ for review and approval within forty-five (45) days of the pre-site closure meeting. The Permittee must complete the DEQ approved site closure plan.

K Appendices

Environmental Monitoring Serial Numbers

Table K-1 Hydraulic Management Units

Serial Number	Hydraulic Management Unit Description (Common Name)	Acres	Active HMU?
MU-019201	Land Application Field	30	☒

Table K-2 Wastewater Sampling Points

Serial Number	Description of Wastewater Sampling Location	Active Monitoring Point?
WW-019201	Wastewater Sampling Point	☒

Table K-3 Supplemental Irrigation Water Sampling Points

Serial Number	Surface Water Sampling Points Description of Location	Active Monitoring Point?
SW-019201	Irrigation Canal	☒

Table K-4 Soil Monitoring Units

Serial Number	Soil Monitoring Units Description of Location	Associated Hydraulic Management Unit	Acres:	Active Monitoring Point?
SU-019201	Land Application Field	MU-019201	30	☒

Table K-5 Wastewater Lagoons

Serial Number	Wastewater Lagoon Description of Location	Active Monitoring Point?
LG-019201	Cell 1	☒
LG-019202	Cell 2	☒
LG-019203	Cell 3	☒
LG-019204	Storage Lagoon	☒

Facility Maps

Figure 1 City of McCammon Vicinity Map

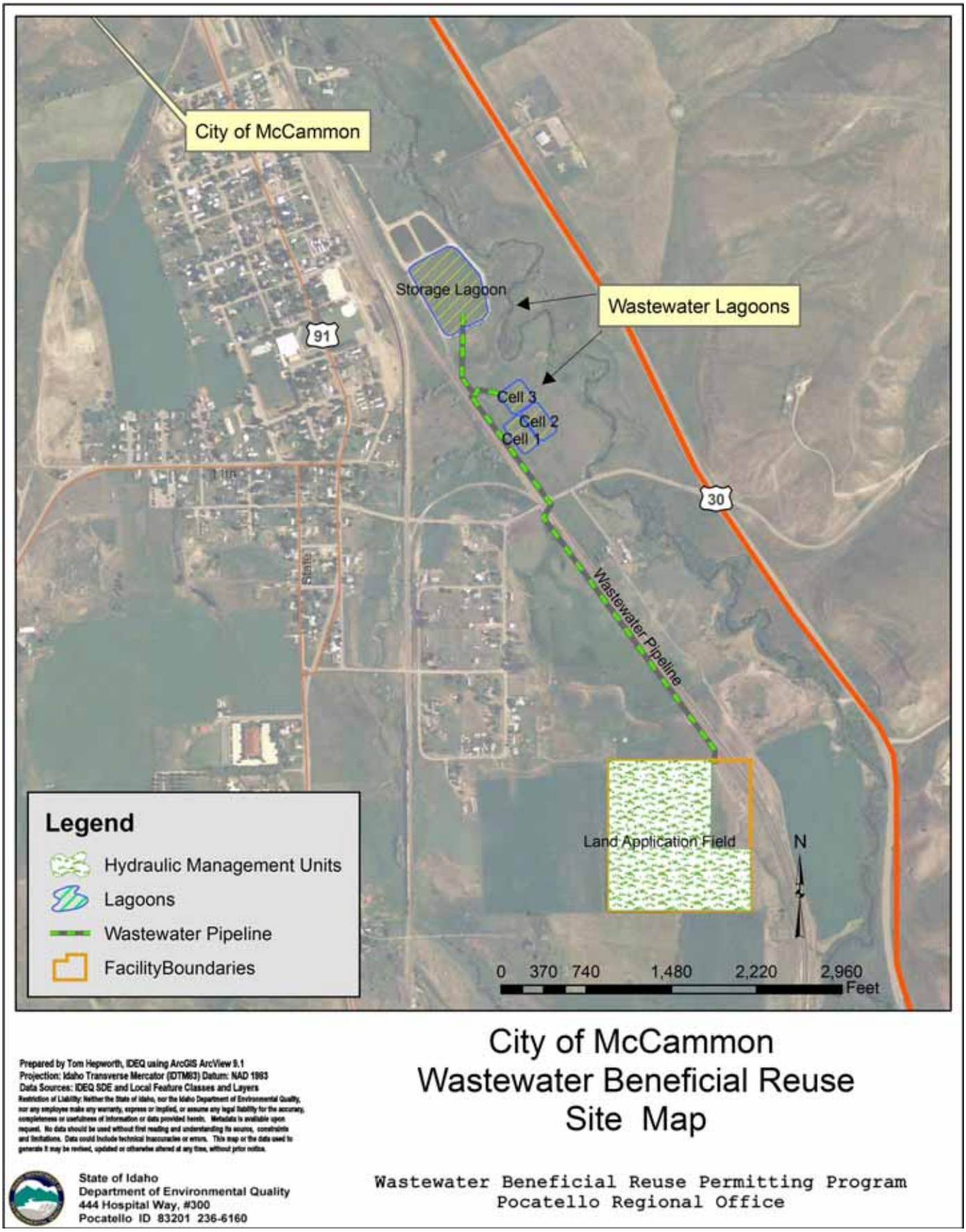

Figure 2 City of McCammon Site Configuration